

CLAIMS:

1. A mobile terminal having a first processing unit (7), a first memory device (21) and a SIM card chip (23) including a second memory device (22), the second memory device (22) is reprogrammable, wherein the first memory device (21) includes terminal independent data stored in the first memory device (21) before
5 manufacturing of the mobile terminal (20, 30) and individual mobile terminal specific data are stored in the second memory device (22) after manufacturing of the mobile terminal (20, 30).
2. Mobile terminal according to claim 1, wherein said individual mobile
10 terminal specific data and user- and network specific data are stored together in the second memory device (22), the second memory device (22) is further provided for storing identification data (IMEI, IMSI).
3. Mobile terminal according to claim 1 or 2, wherein the terminal
15 independent data stored in the first memory device (21) will never be changed during the lifetime of the mobile terminal (20, 30).
4. Mobile terminal according to one of the claims 1 to 3, wherein the first memory device (21) is realized as a read only memory (ROM) or as a Flash memory
20 device and is provided for storing an operation system, application software, fixed data, start-up sequences or security settings.
5. Mobile terminal according to any of the preceding claims, wherein the individual mobile terminal specific data include calibration values, correction settings
25 of high frequency parts of the mobile terminal (20, 30) or default values, which are depending from the individual mobile terminal (20, 30).

6. Mobile terminal according to any of the preceding claims, wherein the second memory device (22) is accessible for changing data after manufacturing via an interface unit (9) or via mobile radio connection.

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7. Mobile terminal according to any of the preceding claims, wherein a SIM card (2) comprising the SIM card chip (23) is assigned uniquely to only one mobile terminal (20) during manufacturing, wherein the mobile terminal (20) is only operateable with this SIM card chip (23) having the uniquely individual mobile

10 terminal specific data of this mobile terminal (20).

8. Mobile terminal according to claim 7, wherein the SIM card (2) is mechanically coupled to the mobile terminal (20) during manufacturing, wherein the individual mobile terminal specific data will be stored during manufacturing in the second

15 memory device (22).

9. Mobile terminal according to claim 1 to 6, wherein the SIM card chip (23) including the second memory device (22) is disposed on a printed circuit board or incorporated in an multi package chip of the mobile terminal (30), wherein all data for operating the mobile terminal (30), which are not fixed before manufacturing, are stored in the second memory (22).

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10. Method for manufacturing a mobile terminal (20, 30), wherein the mobile terminal (20, 30) comprises a first processing unit (7) and a first memory device (21) and SIM card chip (23) including a second memory (22), wherein terminal independent data are stored in the first memory device (21), the individual mobile
- 5 terminal specific data, which needs to be provided after assembling or manufacturing of the mobile terminal (20, 30) are stored in the second memory device (22), which is a reprogrammable memory device, data which needs to be provided after manufacturing for operating the mobile terminal (20, 30) are also stored in the second memory device (22)